FOLIO

University of Alberta

27 November 1986

The University Expands by Degrees



The Big Bang happened in 1979, or thereabouts, when enrolments suddenly blew apart all previous predictions. Since then, the University's student population has increased by 45 percent. Hence, this year for the first time, a Fall Convocation in two parts with 1,392 graduands.

The first ceremony on Thursday, 20 November, dealt with half the University; the second, on Saturday, the other half. Honorary Doctor of Laws degrees were awarded at both events: to Dorothy Easton, a nurse and alumna who is involved in children's mental health treatment; Doug Roche, sometime journalist and parliamentarian and now Canada's Ambassador for Disarmament; Archbishop Henri Routhier; and Mel Hurtig, Edmonton-based publisher and Canadian patriot and internationalist.

At both ceremonies, graduands and their families and friends were welcomed by Chairman of the Board of Governors, John Schlosser.

Chlosser reminded the ably that the purpose of convocation is to mark the achievements of the graduands with "appropriate honor and ceremony." He cited also a Chinese proverb to the effect that to survive one year, a community plants rice, and to live for a decade a community plants trees. To survive for a century, however, one

educates people. Education, Mr. Schlosser emphasized, is an investment in a nation's future, it is not a mere expense.

Thursday was the day of Chancellor Miller's first convocation. It was also a day for other firsts. All PhD graduands, for example, were decked out with their hoods on stage immediately before being presented to the Chancellor.

The Reports to Convocation were made by President Horowitz (Thursday) and Doris Badir, Special Assistant to the President (Saturday). Dr. Horowitz's Report is included in this issue of Folio.

Towards Equality

Dr. Badir, formerly Dean of Home Economics, gave a stirring review of what constitutes real equality and stated firmly that the University of Alberta has anticipated many social movements with regard to assisting minority groups; whether so defined by gender and ethnic origin, or by physical and mental challenges. The cause of equality must be pursued with, as she put it, "aggressive open-mindedness".

For Dr. Badir, one definition of "affirmative action" is "add women and stir". Not enough. Acceptance to the University or to employment must be based on qualifications. Meritorious performance should be the only criterion for the

continuation of a career or promotion. What is needed, however, is an expansion of the pool of qualified candidates and a change of attitude which allows proper evaluation of qualifications.

The University is doing well but, again, not well enough. In the last 12 years, Dr. Badir said, the percentage of women in academic positions has risen from 12 percent to 15 percent. Hardly a remarkable rise. Also, traditional areas of study remain so for many students. Better counselling could break down such ingrained attitudes and allow women and men the opportunity to investigate careers that they might not have thought of previously.

A call was made, too, for a review of what constitutes quality performance in a job. Emphasizing the reality that people have personal as well as professional lives, Dr. Badir pointed to the continuing re-appraisal of priorities that most people experience. Personal realities claim priority also. In a lightly veiled reference to women (or men) who leave employment to devote themselves to the raising of families, she suggested that such people should not be penalized when re-entering the workforce. Quality and not quantity is what is important in assessing performance. Also the peace of mind, such as might be obtained from knowing one's children are well taken care of, is

of prime importance in allowing quality to proceed.

Peace Abroad and Canada at Heart

Two of the honorary degree recipients gave addresses. On Thursday, Dr. Roche attempted to build a "platform of hope" for the graduates, rather than paint a gloomy picture of two super powers arming themselves with destructive might.

In a speech marked by contrasts, Dr. Roche suggested that the old idealism has become the new realism. The world is indeed a "global community", a fact brought home to Dr. Roche during his travels around the world representing the cause of peace.

Dr. Hurtig eloquently addressed the graduates and the topic of Canada as a country. Only in Canada is there a lack of perception about what it means to be a Canadian. He attacked those who would sell off our country. He deplored our "dismal and even shameful record" in the treatment of this country's native population, and the fact that more than four million of Canada's twenty-five-and-a-half million people live in poverty.

Despite such problems, Dr. Hurtig asserted his pride in being Canadian and oberved that the possibilities for this country are "truly great". Canada, he said, is rather a special country in which a "non-melting-pot" society has been created. We are the envy of many nations. Our country is peaceful and tolerant; there are opportunities for education. And we have a health care system and social security system which surpass those of almost all other countries.

Dr. Hurtig exhorted all the graduates to "speak out in favor of your own country".□

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Local Area Network Catches HYPERbus

HYPERbus has been introduced to 21 buildings on campus. The system, which has been described as "the most exciting of all NSC (Network Systems Corporation) products for the University community," allows users, who have the necessary funds, to access more than one computer system (Computing Services' MTS, PLATO, and VM systems, and the Office of Administrative Systems' (OAS) MVS system).

Although it may sometimes appear as if new computers and programs materialize overnight, such is not the case. The HYPERbus and HYPERchannel (it connects the laser printer to Computing Services) story, for example, began in 1983 when the Telecommunications Planning Committee (TPC) — established in the late 1970s to represent the Department of Computing Services, OAS, the Utilities Planning Office and Physical Plant to bring about closer cooperation and coordination approved the report titled "A Communications System Proposal." Prepared by Ian Simpson, OAS. and Daryl Webster, Computing Services, the report described

current problems, technical considerations and goals, and outlined a strategic plan for the University. In addition, the report analyzed equipment being touted by five vendors.

Its major recommendation was that a pilot project, using NSC's HYPERbus technology, be carried out in 1984-85. The goal: to connect 3270-type terminals in University Hall to OAS in the Administration Building and to Computing Services in the General Services Building. In 1984, HYPERchannel, also an NSC product, was selected as the best means of connecting the remote Xerox 8700 laser printer operated by Printing Services in the Tory Building to Computing Services. Both pieces of equipment connect to one another and provide integration among NSC products.

Subsequently, a plan utilizing both HYPERbus and HYPERchannel facilities was prepared and tested. The end result was the TPC recommendation for full-scale implementation of the NSC technology throughout campus.

HYPERbus and HYPERchannel provide the basis of a

communications system that is being used to 1) connect terminals and microcomputers to three mainframe systems (IBM 3081 in the OAS computer centre and the IBM 4381 and Amdahl 5870 in Computing Services' computer centre); 2) interconnect these three mainframes; and 3) support a distributed printing project by connecting a printer in the Tory Building to the Amdahl 5870.

In 1984-85, the basic cable plant for both systems was installed in utility corridors connecting General Services, Administration,
University Hall and the Tory
Building and a limited amount of equipment was obtained to begin connecting terminals,
microcomputers, and the mainframes to HYPERbus.
Equipment was also obtained to connect the printer in the Tory
Building to the Amdahl 5870.

At some point the entire campus will have access to this innovative technology. At the moment, however, a bugbear has emerged. All funds have been disbursed and there are no immediate plans to install additional cable systems.

University Invited to Participate in Videoconferen

A satellite videoconference on data communications systems will be aired on 4 December from Plaza 1, Northern Alberta Institute of Technology. The videoconference has been developed by the Educational Activities Board of the Institute of Electrical and Electronics Engineers, Inc. (IEEE).

The program will be broadcast by satellite through an interactive network (one-way video, two-way radio) to sites in the United States, Canada and Mexico from 8:30 a.m. to 4 p.m. Mountain Time.

The videoconference is available to universities and companies.

Speakers will cover "Network Security," "Progress in Local Area Networks" and "Emergence of Integrated Services Digital Networks." A panel discussion by local experts in the field of data communications will follow the broadcast.

Alice Comartin, Edmonton Council for Advanced Technology, 424-7870, has brochures outlining the videoconference schedule.

Only 28 Eating Days to Christmas

Christmas food starts appearing on menus across campus in about two weeks' time. Bob Maters, Food Services Manager at Lister Hall, and his jolly catering crew, are already getting set to pull out all the stops and give us the right stuff for a real turkey dinner.

By the time the last meal has been served on 20 December, hungry student (and other) bodies will have consumed:

- 1,000 lbs* of roast turkey (drumsticks, white meat, crisp brown skin and all) with rich, brown gravy;
- 200 lbs of savory dressing (bread cubes, onions, and herbs, lovingly mixed in the right proportions);
- 2,000 lbs of potatoes (nothing "instant" about this mash):
- 500 lbs of mixed vegetables (peas, carrots, corn and yes, Virginia, that is broccoli and Santa wants you to eat it);
- 200 lbs of plum pudding (made from scratch in Lister Hall kitchens, and served with lashings of heady rum sauce);
- 500 lbs of light but fruity Christmas cake (specially prepared from the Lister Hall baker's own recipe):
- 200 dozen melt-in-the-mouth

shortbread cookies.

A lot of work—and loving care—goes into providing these Christmas feasts. "But we make our preparations in advance, and everything usually goes smoothly around Christmastime," says Maters, who—with nine years' experience in catering—can take calmly the excitements of seasonal merrymaking.

Christmas goodies are on the menu wherever Housing and Food Services supplies the fare, but you won't find them at most commercial eateries on campus, which (a recent survey revealed) pay little attention to Christmas food.

At the Faculty Club, patrons will see roast turkey only once or twice before Christmas, says Manager Peter Graf. "Then we serve it with a fruit stuffing made from apples, dates, kiwi fruit—we use any kind of fruit that's available, and it's absolutely delicious." Sweet yams sometimes go along with the turkey, and fresh cranberry sauce; but plum pudding—so rich, so heavy, so memorable—will not be on the bill of fare.

Footnote.* A traditional Christmas does not go metric.

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University of Alberta

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Classified advertisements: 3 p.m. one week in advance of desired publication date. This date also serves as the deadline for cancellation of advertisements. Advertisements cost 30 cents per word with no discount for subsequent insertions. There is a maximum limit of 30 words and a minimum charge of \$1.50. Contributors' corrections will be assessed at \$1.50 for each line in which an insertion is made. Advertisements cannot be accepted over the telephone. All advertisements must be paid for in full at the time of their submission. Display advertisements: 3 p.m. one week in advance of desired publication date. Contact Public Affairs for sizes, rates and other

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Fall Convocation - Part I

President Horowitz Speaks Out for 'Special Treatment'

h / Horowitz, President, delivered the following Report to Convocation at Part I of Fall Convocation, 20 November.

Mr. Chancellor, Mr. Chairman of the Board of Governors, Honored Guests, Colleagues, our students who will be graduating this afternoon, your families and friends

At the outset, Mr. Chancellor, on behalf of the entire University community, I wish you well as you preside at your first regular Convocation. May your term as Chancellor be a productive and a happy one for you and for this University.

We make history this week. Never before have we required more than one Convocation in the Fall. But when the almost 700 individuals who will be granted degrees this afternoon are joined by a similar number on Saturday, the total of 1,392 will represent the largest number of graduates we have ever had at Fall Convocations. This past Spring, 4,334 individuals

ved degrees at the five Convocations and so during this calendar year we shall have a grand total of 5,726 graduates, and that number is almost 400 more than last year's previous all-time high. If this institution is to be measured, at least in part, by the numbers of our graduates, then I suggest that unlike the situation in many other agencies in the larger Edmonton and Alberta communities of which we are a part, the University of Alberta is growing; growing rather dramatically; growing more rapidly, I suspect, than is wise.

Let us focus for a moment on our

current enrolment. The prediction of just about everyone, including our former Minister of Advanced Education and this University's present President, was that, finally, after seven years of growth, the enrolment would begin to decline this year. In fact, at 29,000 students, 25,000 of whom are studying on a full-time basis, we have the largest number ever. Our student community has grown once again-this time by about 850 or 2,5 percent. Since the summer of when I became President, our student numbers have increased by 45 percent. Our additional 8,000 full-time students exceed the total numbers of students in more than half of the universities in this country. Perhaps, Mr. Chairman, university presidents should be paid according to growth in student numbers!

A large complex university is many things. We must be judged in part by the quality of the research activity of our scholars. My academic colleagues and our graduate students are involved in pursuing systematically a wide variety of research projects in many fields of study. During this year our researchers will have attracted almost \$60 million of special funding from federal and provincial research councils, government departments and agencies, and the private sector. The \$60 million is twice what it was in 1980. I shall mention only one particular grant—a grant to an esteemed colleague which delights all who know and respect him. Dr. Fred Bentley, a former Dean of Agriculture and now, in official retirement, Professor Emeritus of Soil Science, received last week a \$1.5 million grant from the

Canadian International
Development Agency (CIDA) to
establish a soil management
network in tropical Africa. What a
compliment this is to him and what
a clear indication it is of the high
quality of the research conducted
by my colleagues here.

Basic research, including what may appear to be rather esoteric and unrelated to the problems of the moment, must continue to be fostered at this and at other universities. Who knows what research projects pursued today will be instrumental in the solution of problems tomorrow and into the future?

Building Bridges

Under the leadership of Dr. Gordin Kaplan, our first Vice-President (Research), we have taken seriously our involvement with the larger community in projects at the applied end of the research continuum. We have numerous institutes, centres and research groups in fields as diverse as gerontology and planetary physics. They help us build bridges between the University and the larger community. In addition, and with the strong support of the Government of Alberta, we have become involved in technology transfer ventures of several kinds. Chembiomed Ltd., the Alberta Telecommunications Research Centre, the Centre for Frontier Engineering Research, the Alberta Laser Institute and the Alberta Microelectronic Centre are only some of the companies in which we have an interest and to which we are making a strong commitment.

At the official opening of the new facility for the Alberta

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Five Appointed to Board of Governors



Robert Heyworth



Mary Lobay



Associate Chief Justice Tevie Miller



Jake Superstein



Michael Welsh

Robert Heyworth, Mary Lobay, Tevie Miller, Jake Superstein and Michael Welsh have been appointed to the University's Board of Governors.

Each individual will sit on the Board for three years with the exception of Associate Chief Justice Miller who, as Chancellor of the University, will serve for four years.

Mr. Heyworth, a high school teacher in Edmonton, earned bachelor's and master's degrees at the University of Alberta. He acted as a professional development consultant to the Alberta Teachers' Association and was Chairman of the Association's Task Force on Computers in Education. An Alumni Association representative to the Board, Mr. Heyworth is a former president of that body.

Mrs. Lobay is also a University of Alberta graduate. She is a public member of the Board (which means that the appointment was made by the Minister of Advanced Education). Education is very important to Mrs. Lobay, as witness her work as a teacher, administrator and volunteer with the University, Alberta College and other educational institutions. Mrs. Lobay is also a member of the Canadian Multiculturalism Council, the Old Strathcona Foundation, and the Alberta Breast Foundation.

Tevie Miller is Associate Chief Justice, Court of Queen's Bench of Alberta. Since graduating from the University of Alberta, the Associate Chief Justice has done more than keep in touch with his alma mater, having served on the Board and the Senate and lectured in the Faculty of Law. In the wider community, he has held executive positions with the United Way, Universiade '83, and the Edmonton Association for Retarded Children.

Jake Superstein and his father established the Edmonton Produce Company, and young Superstein's business acumen eventually helped him land positions with a number of federal and provincial organizations. He served as the Alberta representative to the Canadian Produce Council during the Second World War, and was an adviser to the federal Agricultural Stabilization Board and to the provincial Egg and Fowl Marketing Board. Mr. Superstein has been active in the Marian Centre, Beth Israel Synagogue, the Society for Children's Oncology, and Ronald McDonald House.

Mr. Welsh, a graduate of the University's Faculty of Law, practised law with two local firms before forming his own firm, Welsh and Company, in 1982. He lectures on municipal and planning law on behalf of the Faculty of Extension. He is a member of the Canadian Paraplegic Association and director and honorary counsel to Scouts Canada (northern region).

Research Council (which, by the way, had as its first Director our fourth President, the late Dr.
Robert Newton), Premier Getty emphasized the need to broaden the economic base in this province and the extent to which research, conducted in universities and elsewhere, could be instrumental in bringing about necessary changes. I agree with the Premier.

The recent developments here in our instructional programs, in our research and development projects, and in our service to local, provincial, national and international communities bring me much satisfaction and pleasure. Why, then, am I as fearful of the immediate future as I am? Is it just the ambivalence of the academic who is conditioned to see problems and to raise questions even in moments of triumph? I wish it were so, but I fear it is not.

We university people are not all of the time in "an ivory tower" or on "the clouds." It may surprise some—I suspect it will disappoint our super critics who prefer to think we isolate ourselves—for me to say that we are part of the larger society and, consequently, we, too, are affected by the successes and by the failures in the economy of our local community, our province and our country.

It is difficult to predict what the situation will be next year, let alone three or five years hence. Like others, I have heard warnings from Ottawa and from across the North Saskatchewan River.

All provinces have been affected, Alberta as well as the others, by the real decrease in funding from the federal government—funding originally intended, in part, for post-secondary education. The most recent national Speech from the Throne referred to an additional \$1 billion for research. What the government did not say is that the guaranteed base budget allocations to the national granting councils will be lower next year compared to this year. And the government did not say that about \$250 million of the \$1 billion already had been committed to those councils and that, of the remainder, half of the funding will have to come from industry and the other half will be made available by our national government if the councils and the universities will be successful in raising funds from the private sector. Contrary to the optimistic message about funding for research that the Speech from the Throne conveyed, the situation, I suggest, continues to be disastrous in our country which invests a comparatively very small portion of its wealth in research activity.

Real cuts in the budget of the National Research Council have already affected a number of university programs supported by that Council, including the programs of TRIUMF, the nuclear physics facility on the campus of the University of British Columbia which is a joint venture of our University and the three universities in British Columbia. I fear that some of the recent decisions affecting our several national research councils will result in decreased funding, especially for basic and for long-term research.

In our statement of last Spring, "The Next Decade and Beyond: A Plan for the Future," we indicate changes which we consider desirable for this institution. I know we are not alone in our aim to have this University recognized widely as world-class. Excellence is not attained by accident. High quality is achieved by careful nurturing over long periods of time. To be productively involved in technology transfer, a university must also be heavily committed to basic research. For universities to be high quality research institutions, they must be of the same high calibre with regard to their undergraduate and graduate instructional programs.

Special Treatment

This is a difficult time to be speaking out for special treatment, but I do so because investment in universities and colleges and, specifically, investment in the University of Alberta is investment in the future of this province and its people. In our own time we have seen the negative effect of budget cuts to the universities in British Columbia, and we must avoid similar developments here. It will now take many years of very special treatment for the three universities in that province to overcome the serious problems that resulted from reductions in provincial government allocations. On a much happier note, the universities in Ontario will be enjoying budget increases of more than 10 percent this coming year. I am truly happy for our sister institutions in the East because they had several difficult years, but I wonder how successful we shall be in competing with them for the most competent staff and for the most gifted graduate students. And we must be competitive if we are serious in our desire to have

Alberta as a major centre economically and socially, as well as culturally and educationally.

Difficult decisions have to be made and I for one do not envy our Ministers-both federal and provincial—who must make them. I consider it fair and appropriate to remind them and people generally, however, that there was differential financial treatment of agencies by governments in the relatively good years. Universities did not benefit to the same extent as did other publicly supported institutions when budgets were increasing annually by two digit percentages. That is a fact. Also, there were several years during my more than eleven years since I became Vice-President (Academic) in 1975 when other universities and a number of colleges and technical institutes in this province were treated more favorably than we were. And that is another fact. Yet only we have the relatively expensive programs in Agriculture and Forestry, Home Economics, Rehabilitation Medicine, Industrial and Vocational Education. Dentistry, Pharmacy and at Faculté Saint-Jean. Graduate programs are very costly and our graduate students represent a larger segment of our total student enrolment than is the case in the other universities in this province. Because many students transfer into this University after one or two years at colleges, we have more than the expected percentage of undergraduate students at the more expensive senior years of study. That is why our grant is more per student than is the case at the University of Calgary, and that is why we must receive in the future even better preferential treatment.

We know that we can make a major contribution to the welfare of generations of Albertans, other Canadians and people in other countries. In my covering letter in our strategic planning document I said that "The University of Alberta is one of Canada's leading educational and research institutions and the premier centre of higher learning in Alberta." The term "premier centre" caused unrest in some other parts of the province. I suspect my statement confirmed the impressions of a few that this University sees itself as a special place and that its president is more than a little arrogant and disrespectful. My aim, I can assure you, Mr. Chancellor, was not to be insulting or offensive, but by history and by experience we are the premier university in this province and we are one of the five major universities in this country. I want us to continue to have that recognition and, indeed, to improve. Without apology, I want

that for personal reasons as do my colleagues, our students, their families and our lay leaders such as the Chairman of our Board of Governors and our Chancellor. After all, this is our University, But my goal is not just personal ar selfish. I want us to have the resources that will enable us to be a leader provincially, nationally and internationally because I believe-and I believe strongly-that continued strong investment in this University especially during relatively difficult times, will be in the best interests of society generally. We would like to have funded the several essential programs which this University has approved such as the PhD in Nursing, the Centre for Children and Others with Learning Disabilities, the School of Native Studies and the expansion of programs in Computing Science and at Faculté Saint-Jean. We appeal for appropriate operating and capital support so that we can satisfy the expectations held for us by the people we serve.

Our Premier on 30 September last referred to five legs to our economic base that must grow in the future: the first four-agriculture, energy, tourism and forestry: the fifth-research and technology. Because, as M Getty himself observed, much the research and technology touches universities. I am certain he would be willing to add "universities" to the fifth leg: "research, technology and universities." Recognition by the Government of Alberta of the need for investment in the future has resulted in special government allocations during the last few weeks to the first four legs, that is, agriculture, energy, tourism, and forestry. I await with interest and with anticipation, therefore, the announcement which I hope will be forthcoming soon, of special allocations to universities in this province to enable us to do what we can and what we must if we are to help to overcome the present and, we hope, short-term difficulties. I have to believe that is why our Minister, the Hon. Dave Russell, will be meeting with the presidents of the other three universities and myself over dinner next Monday evening. I hope my expectation for that gathering will be realized.

University presidents not or have to hope for the very best, but we also have to anticipate the worst. We have our private nightmares as well as our more public pleasant dreams. I remain optimistic, however—so much so that next Monday evening I plan to leave the Tums and the Rolaids at home.

Activities

Thomas Achtymichick and Silvia Yee have been awarded the Edmonton Bar Association Entrance Scholarship; Marilyn Joan Riddle has been awarded the Edmonton Bar Association Graduate Studies

Scholarship . . . Presenters at the Great Southern Occupational Therapy Conference in Charleston, South Carolina, included H.M. Madill and E.S. Brintnell . . . Benita Fifield and her husband, Orville, presented two five-day workshops on "Sexuality and Disability," in Hong Kong. The Fifields also gave a paper, "Use of Sensate Focus with Spinal Cord Injured Persons," and a workshop, "Sexuality in Health Care: the Role of the Occupational Therapist," at the 14th Federal Conference of the Australian Association of Occupational Therapists, in Brisbane, Queensland . . . Myer Horowitz gave the keynote address on 15 November at the opening of the 20th Anniversary Conference of the Canadian Bureau for International Education at Banff. The topic: "International Education: What it Means and What it Can Mean" . . . At its 25th annual conference, the Industrial Education Specialist Council of the Alberta Teachers' Association awarded an honorary life membership in the Council to C.H. Preitz (Industrial and Vocational Education). Dr. Preitz is the first academic staff member of the department to be so honored.

Of the Visual Identity Program and Staff Advertisements

The following statement has been issued by D.C. Norwood, Associate Vice-President (University Relations).

In the interest of promoting further implementation of a Visual Identity Program for the University of Alberta, the Visual Identity Committee, in consultation with the offices of the Vice-President (Academic) and Personnel Services and Staff Relations, has contracted a local advertising company, Area West, to handle the placement of all staff advertisements for the University. This firm has placed our non-academic and APO advertisements for some time and has rendered excellent services. without any additional cost to the

Area West will ensure that future staff advertisements emanating from the University of Alberta will appear in a consistent and professional format. This format was developed by the Visual Identity Committee with a view to promoting the image of the University as well as the effectiveness of advertising.

To assist the University community in implementing this new phase of the Visual Identity Program, the following two Advertising Coordinators will be available for advice and consultation:

1. For non-academic staff advertisements:

Mr. Larry Davidson Employment Coordinator, Personnel Services and Staff Relations 2-46 Assiniboia Hall (432-5201)

2. For academic staff advertisements (including faculty, faculty service officers, administrative/professional officers, and trust academic appointments):

Mrs. E.M. Cherniavsky Administrative Officer (Academic Administration) 3-13 University Hall (432-4588).

Effective 1 December 1986, all advertisements for staff recruitment are therefore to be placed through these two Coordinators rather than, as in the past, the Materials Management Department, Please submit your advertisements directly to the respective Coordinator who will review and, if necessary, suggest modifications to you in accordance with the established format, before forwarding them to Area West for placement. Your cooperation in regard to suggested changes will be greatly appreciated.

The Coordinators will also assist and advise you in regard to the content and wording of the advertisements, the publication dates of journals, cost of advertising, deadlines for submissions, etc.

The new Visual Identity format will pertain primarily to display advertising but will not materially affect the cost of advertisements.

For information on procedures pertaining to the placement of advertisements, please contact the appropriate Advertising Coordinator. □

GSA's Revamped Restaurant Open to University Community

Another chapter in the University's lary history was authored by the Graduate Students' Association on 13 November.

The renovated North Power Plant Restaurant and Bar and the GSA Room were reopened, and GSA President Annette Richardson and Vice-President (Services) Sam Proskin were heard to use the word "open," as in open to all students and staff, with some frequency. (The one area which will be open to graduate students only is the GSA Room.)

In the past, the Power Plant catered to graduate students, with the remainder of the campus community eligible for social memberships. The GSA has revised its policy and welcomes people from across campus to enjoy the revamped facilities, the expanded menu and such features as "Ethnic Nights".

Versa Services, a food services management company, and the GSA have joined forces to manage the restaurant. Cafeteria-type service will remain, but the food line will be reversed in an attempt to streamline service. Patrons will find a deli sandwich bar and a menu with a greater selection of appetizers and pasta dishes.

Omelettes, teriyaki chicken and

beef kabobs will also be Power Plant staples.

Table service may be introduced if the dinner trade increases.

A name from the past must be dropped in conjunction with the North Power Plant. Jim Talbot, former president of the GSA and, in the words of President Horowitz, "one of the most respected members of the Board Building Committee of the day," was a key player in the Association's bid to acquire and manage its own food service facility.

Making Maps That Tell You More

It's the first of it's kind in North America—a program that turns out specialist mapmakers.
Good maps are rare. That's why geographer Jean-Claude Muller has designed a new course (the only one of its kind in North America) to train a new breed of mapmakers 's specialty—computer Castography.

Students in the four-year program ("Geo-Information Processing and Mapping", now in its second year at the University of Alberta) will learn geography and cartography. They'll also spend a lot of time studying computing science: if you want to translate

information into very precise, special-purpose maps, that information has to be collected and stored on computer in the most flexible way possible.

"A really well-structured data base can provide planners with the kind of information they really need," says Muller. "Computer cartography presents that information in pictures, so that it's simple to grasp.

"You can print out a map with all the coal deposits in a region. Then you can get the population and population centres on another map, lay it over the first one, and you get one set of information in relation to another. You can go on and add overlays on highways, waterways, forests, oil deposits, and so on, until you have all the information you could possibly need to understand the various ways that starting up a coal mine would affect the region."

"This kind of mapmaking would have been impossible before computers," Muller says. "It's a new area, and one of great importance."

The government of Alberta thinks so, too, and is providing 50 percent of the funding for the program.*

*Reprinted from Research Report, Fall 1986.

Smokers, Drinkers Should Pay Price

We criminalize the use of marijuana and heroin but permit the use of two of the most dangerous drugs in society—alcohol and tobacco.

My argument is not that we should make alcohol or tobacco illegal—such efforts have failed in the past and seem to create other problems. Instead of taking a moral stand on these issues, government might achieve more by assessing economic practices which influence the consumption of harmful substances.

Air Canada—the government-owned airline—offers a free drink before dinner, wine with the meal and drinks afterward. Should Air Canada be encouraging the use of alcohol? Should taxpayers subsidize it? If Air Canada were to distribute free marijuana to passengers, some people might object. When alcohol is provided free there will be an increase in consumption. The least we could do is make people pay for it.

The argument that one must compete with other airlines is not convincing. A law that makes it illegal to give away harmful drugs free on airplanes could be passed. Coffee may make the list. Decaffeinated coffee might be free, but regular coffee might be a dollar a cup. I am not a purist trying to proscribe these substances. My goal is simply to reduce consumption levels while leaving individuals free to choose their own pleasures—for a price.

Government policy can use economic incentives to reduce consumption. Such a reduction would have a long-term impact on the cost of medical care.

Alberta has done poorly in using the price mechanism as a means of reducing alcohol consumption. Over the past 20 years, the cost of alcohol has increased less than inflation. These changes are the direct result of decisions by policy makers, whose policies have an impact on our welfare. In 1978, Alberta ranked just slightly below British Columbia when these two provinces led in alcohol consumption. Deaths from alcohol and alcohol psychosis were high for British Columbia, Alberta, and Nova Scotia. Alberta also joined the top three provinces for alcohol related traffic injuries.

Canadians are concerned. We now have more severe penalties for impaired driving. Increased penalties were an expedient way of appeasing concerned voters, but will fail to have a meaningful impact here as it has had elsewhere. In the meantime, we overlook less popular but more effective measures.

Using the price mechanism to change alcohol consumption is not a cure-all. There are no "cures" to problems of this sort. But, there are some clear guidelines for reducing some of these problems. Increasing the cost of alcohol or tobacco usually decreases consumption. It is appropriate that these increased costs are in the form of taxes, since society usually has to pay for the damages caused by these substances.

The same principle usually works in reverse as well. If we want people to drink low-alcoholic beer, or milk, or orange juice, we can make them cheaper.

If the city of Edmonton had kept the cost of public transportation at or below the cost of inflation for the past 20 years, we would have had fewer vehicles on the road, less pollution, fewer auto accidents, less cost for roads and parking facilities and other long-range savings.

Subsidies to tobacco farmers follow a similar logic. Valuable land has been used for tobacco because it is more profitable than other crops. Financial incentives should lead to a lower production of tobacco and the production of more food. It makes little sense for the Canadian government to subsidize tobacco growers while Canadian usage declines.

It is desirable for governments to play a role in the distribution of harmful substances demanded by the public, such as alcohol. But being a "seller" of these materials is different from being a "pusher." Public policies can influence the quantities consumed. We must avoid policies that systematically increase the consumption of harmful products.*□

*Jim Hackler (Sociology) wrote this piece for the "800 Series" (articles of approximately 800 words that are published from time to time on the editorial page of the Edmonton Journal). "Smokers, Drinkers . . . " appeared on 16 October.

Bubble Bursts Onto Tennis Centre

Call it a bubble or, if you're given to profundity, an air support structure. In any event, four of the nine courts at the University Tennis Centre are now enclosed. (There are no plans to cover any of the other courts.)

Robert Bell, Manager of the Centre, was amazed at the speed of the "cover up"—work started right after Thanksgiving.

The courts opened last weekend and will be in use throughout the winter.

Memberships can be obtained by calling 432-2901. \square

New Club for Those With Sense of Place

The Edmonton Map Society was born in a snowstorm, Tuesday, 18 November 1986.

"It's a very informal group," says Ronald Whistance-Smith, map curator with the Department of Geography and a founder-member of the club.

Anyone with an interest in maps old and new is welcome to the club's four winter meetings. The next is Tuesday, 13 January, in the Map Collection, B7 Tory Building, at 7.30 p.m.

For more information, call Mr. Whistance-Smith at 432-4760, or Iain Taylor at 429-2226.□

Talks

Boreal Institute

28 November, noon. Andre Desrochers. "Dominance and the Access to Food Mates and Breeding Territories in Black-Capped Chickadees at Meanook Biological Station." M-137 Biological Sciences Building.

English

28 November, noon. Diane Schoemperlen will read from her works. L-3 Humanities Centre.
1 December, 4 p.m. Christine Bold, "The View from the Road: Guidebooks to Depression America." L-2 Humanities Centre.

Zoology

28 November, 3:30 p.m. B.M. Longenecker, "Cancer Detecting and Therapy Using Synthetic Cancer Antigens and Corresponding Monoclonal Antibodies." M-149 Biological Sciences Centre.

Canadian Institute of Ukrainian Studies

28 November, 7:30 p.m. Rev. Serge Keleher, Archpriest, Eparchy of Toronto and Eastern Canada, "The Vatican's Eastern Policy." Heritage Lounge, Athabasca Hall.

Slavic and East European Studies

1 December, 3 p.m. O. Ilnytzkj, "Futurists: Russian and Ukrainian—A Problem of Influence." 776 General Services Building.

Anatomy and Cell Biology

2 December, 4 p.m. Leslie P. Tolbert, Georgetown University, Washington, D.C., "Cellular Interactions in a Developing Invertebrate Sensory System." 6-28 Medical Sciences Building. Sponsored by the Alberta Heritage Foundation for Medical Research.

Plant Science

2 December, 4 p.m. S. Boyetchko, "Effects of Chloride Fertilizer on Root Infection by Soil Borne Fungi." 811 General Services Building.
4 December, 4 p.m. A. Paniagua, "Coffee Rust: A Threat to Coffee Production." 811 General Services Building.
9 December, 4 p.m. R. Hornford, "Thresholds—Tools in Coffee Production." 811 General Services Building.

Philosophy

2 December, 4:30 p.m. Sandra Harding, Department of Philosophy, University of Delaware, "The Science Question in Feminism." Co-sponsored by the Vice-President's Advisory Committee on Women's Studies and UAYs. L-4 Humanities Centre.

Women's Programs

2 December, 7:30 p.m. Julie Anne Le and Frances Adams, "Pay Equity as Concept in Historical and Comparative Context and as a Political and Economic Goal for Alberta Women." L-3 Humanities Centre.

Botany

3 December, 9 a.m. Gar W. Rothwell, Ohio University, "The Role of Ontogeny in the Evolution of Conifers." B-521 Biological Sciences Centre.

On Frozen Pond

The Devonian Botanic Garden doesn't lie dormant all winter. Even as you read this, members of the Devonian Botanic Garden Club, the fund-raising branch of the Friends of the Botanic Garden, are marking trail for "a family outdoor winter experience." There will be hay or sleigh rides, cross-country skiing, skating on a pond and, joy of joys, hot refreshments.

The date: 7 December (noon to 4 p.m.).

The Garden Shop will contain numerous hand-crafted items suitable for gift giving, Christmas decorations and baked goods.

Club spokesperson Muriel Humphrey invites you to "visit and combine your Christmas shopping with an outing in the crisp country air."

Proceeds will further the work being done at the Devonian Botanic Garden.□

3 December, 4 p.m. Gar W. Rothwell, "The Evolution of Gymnospermous Biology." M-149 Biological Sciences Centre.

Sociology

mber, noon. Peter Faid, "Families, C ... nunities and Privatization of Human Services." 5-15 Tory Building.

Soil Science

4 December, 12:30 p.m. C. Bulmer, "Nutrient Imbalances of Aspen Poplar in Acid Sulfate Soils in Northwestern Alberta." 2-36 Earth Sciences Building.

Limnology and Fisheries **Discussion Group**

4 December, 12:30 p.m. Ben Seghers, Kananaskis Centre, "Aquatic Ecology of the Barrier Reservoir." P-319N Biological Sciences Centre.

Population Research Laboratory

8 December, 3 p.m. P. Krishnan, "Internal Migration in Canada: What We Know and What We Should Know." TB-W2 Tory Building.

Ghanaian Students' Association

10 December, 6 p.m. The Hon. David Russell, Deputy Premier and Minister of Advanced Education, "Studying in Alberta/Canada as a Foreign Student." 1-09 Business Building. Co-sponsored by the International Student Centre.

The Arts

Ring House Gallery

Until 11 January. "Pitseolak Ashoona: An Unusual Life"—a retrospective exhibition of prints by this Cape Dorset

Until 11 January. "Keeveeok Awake!"-an exhibition of colored pencil drawings by Baker Lake artist, Victoria Mamnguqsualuk.

Music

All events take place in Convocation

29 November, 8 p.m. Academy Strings—Norman Nelson, conductor. 30 November, 3 p.m. "Meet the Masters eries"—piano masterclass featuring Hans Leygraf. Buchanan Hall, Alberta College.

3 December, 8 p.m. Words and Music—performers are students from the Art Song Interpretation Class of Alexandra Munn. 7 December, 8 p.m. The Garneau

Trio-Norman Nelson, violin, Michael Bowie, viola; and Mark Eeles, cello, with Helmut Brauss, piano.

15 December, 8 p.m. Chamber Music Concert.

16 December, 8 p.m. Chamber Music Concert.

5. → Theatre

27 November, 8 p.m. The Vancouver Arts Club Theatre production of "Arms and the Man.

28 November, 8 p.m. "Running Scared." 29 November, 8 p.m. "Legal Eagles."

Edmonton Film Society

1 December, 8 p.m. International Series—"The Ascent (Yoskhozhdenie)." TL-11 Tory Lecture Theatre.

Edmonton Chamber Music Society

3 December, 8 p.m. The Los Angeles Piano Quartet. Admission by season membership. 433-8102. SUB Theatre.

Broadcasts

Radio

CKUA

29 November, 7 p.m. Music at the University of Alberta presents "Victorian Organ Music." Guest: William Renwick.

Sports

Basketball

27, 28 and 29 November. Golden Bear Invitational. Varsity gym.

Positions

The University of Alberta is committed to the principle of equal opportunity in employment and encourages applications from all qualified people.

In accordance with Canadian Immigration requirements, these advertisements are directed to Canadian citizens and permanent residents

Academic

Chairman, Department of **Educational Psychology**

The Faculty of Education invites nominations and applications for the position of Chairman of the Department of Educational Psychology. The department's offerings include courses and programs in basic theoretical educational psychology, measurement, special education, and counselling and school psychology.

The department has 45 full- and

part-time faculty members and 7 ecretarial staff. There are approximately 200 graduate students.

The position should be filled by 1 July 1987. Salary will be commensurate with qualifications and experience.

Applications or nominations, accompanied by a curriculum vitae and the names of three referees, should be sent by 31 January 1987 to: Dr. R.S. Patterson, Dean, Faculty of Education, University of Alberta, Edmonton, Alberta T6G 2G5.

Support Staff

To obtain further information on the following positions, please contact Personnel ervices and Staff Relations, 2-40 Assiniboia Hall, telephone 432-5201. These vacancies cannot be guaranteed beyond the date of

Clerk Steno III, (Term for one year), **Educational Administration** (\$1,366-\$1,716)

Administrative Clerk (Term for one year), Faculty of Extension, (\$1,522-\$1,945)

Administrative Clerk (Half-time), Pension and Benefits, (\$761-\$973)

Departmental/Executive Secretary, Graduate Studies and Research. (\$1,716-\$2,208)

Departmental/Executive Secretary, Physics, (\$1,716-\$2,208) Departmental/Executive Secretary, (Trust - 20 hrs/wk), Faculty of

Medicine, (Animal Ethics Committee) (\$1,716-\$2,208)

Departmental/Executive Secretary, S.M.R. Animal Centre, (\$1,716-\$2,208) Technician I (Trust), Foods and Nutrition, (\$1,580-\$2,027)

Security Officer, Campus Security, (\$1,716-\$1,208)

Technician II (Trust/Part-time), Physical Therapy, (\$896-\$1,152)

Engineering Technologist II, Physical Plant - Plant Operations, (\$1,864-\$2,407)

Audio/Video Technician II, Radio and Television, (\$1,864-\$2,407)

Technologist I (Trust), Applied Sciences in Medicine, (\$1,945-\$2,510) Technologist I (Trust), Physics, (\$1,945-\$2,510)

Administrative Assistant I, Faculty of

Medicine, (\$1,945-\$2,510) Administrative Assistant II, Faculty of Extension - Liberal Studies, (\$2,208-\$2,861)

Occupational Health Nurse, Occupational Health and Safety, (\$2,304-\$2,992)

Machinist Technician III, Chemistry, (\$2,304-\$2,992)

Programmer Analyst II, Energy Management, (\$2,304-\$2,992) Programmer Analyst II, Printing Services, (\$2,304-\$2,992) Programmer Analyst III, Computing Science, (\$2,741-\$3,579)

For vacant Library positions, please contact the Library Personnel Office, Basement, Cameron Library, 432-3339.

Advertisements

Accommodations available

Sale - Six lakefront lots. Miquelon Lake. \$6,000 up. Chris Tenove, 433-5664, 436-5250. Spencer Realtor.

Sale - Windsor Park. Bungalow. Fully developed. Double garage. Chris Tenove, 433-5664, 436-5250. Spencer Realtor.

Sale - 70 acres adjacent to city limits. 2,300' bungalow with extra features. Perfect hobby farm. Chris Tenove, 433-5664, 436-5250. Spencer Realtor.

Sale - Grandview. Attractive, spacious, four-bedroom home. Large bright rooms. Super lot close to ravine. C Chris Tenove, 433-5664, 536-5250. Spencer Realtor.

Sale - Nine, choice, one-acre city lots. \$39,750 up. Some ravine. Chris Tevove, 433-5664, 436-5250. Spencer Realtor.

For sale - University area. House with two-bedroom legal suite. Recent renovations. All in mint condition Call Agnes Fisher, ReMax Real Estate. 438-1575, 434-4080.

Sale - Cozy bungalow, walk to University. \$51,000. Call Joyce Byrne, 435-6064, 436-5250. Spencer Realtor.

Sale - Immaculate bungalow. Upgraded, neutral broadloom. Quiet crescent, lovely landscaping. Parkallen. Exclusive. \$73,000. Call Joyce Byrne, 435-6064, 436-5250. Spencer Realtor.

Sale - By owner. Two-storey brick, three-bedroom house. South Garneau. Exceptional condition, sunny heated porch, hardwood floors, fireplace Good-sized garden. 1,500', excluding porch. 439-0521 after 6 p.m.

Rent - Southside townhouse/condo. Large three-bedroom with rumpus room. Close to schools, shopping and major bus routes. Five appliances included. Available 1 December. \$500/month, water included. 430-6418.

For rent - Three-bedroom bungalow, 1 1/2 baths, rumpus room, garage, in the west end (Parkview), close to University bus. Available 1 January

1987. \$550. Lease and damage deposit. Phone 483-5691 after 5 p.m.

Rent - Gulf Islands, Gabriola. Lovely, modern house. 1 January-27 June Furnished, three-bedroom, waterfront, carpeted throughout, fireplace. \$525/month. Phone 433-8322.

For sale - Windsor Park. Gorgeous, newly renovated home. Jacuzzi, main floor laundry, large windows. Bright and sunny. Ian Beattie, Re/Max Real Estate, 438-1575.

For sale - Grandview. Six bedrooms, nanny suite, large living room and dining room. Beautiful, treed lot. Ian Beattie, Re/Max Real Estate, 438-1575.

Rent - Going overseas. Main floor house. Furnished. Two bedrooms, study. Garage. Seven-minute drive to campus. Two direct buslines Christmas or 1 January-30 April 468-3302 evenings.

Rent - Two-bedroom house. Ten-minute walk to University. Available 15 December. Responsible persons only 439-5309.

Accommodations wanted

Grandfatherly scholar, 54, seeks house-sitting, house-sharing or one-bedroom, unfurnished near University. 425-1591.

Goods for sale

Santa Claus ideas: used typewriters from \$50, new typewriters from \$189, computer interfaceable typewriters from \$425. Mark 9, HUB Mall,

Double registered Arabian broodmare, nine years old. Sell or trade for broke gelding. Brenda, 487-0099.

Antique folk art objects from Rajasthan; tribal weaving, rugs, kilims from Afghanistan. 439-6408.

Pottery by Akiko Kohana. Paintings by Yuriko Igarashi. 7 December. 11 a.m.-4:30 p.m. 12512 66 Ave.

12" radial arm saw and misc. Top quality wood-working equipment. 425-1591.

Donnic Word Processing. Specializing in theses, manuscripts, etc. 8315A 105 St. 432-1419.

Backaches? Stress tension? Special therapy at Back-Basics (supplementary health care reimburses treatment costs). Maria Krieg is a spine specialist, university-trained in Düsseldorf. 11610 75 Avenue. 436-8059.

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McMahon Word Processing. Professional typing service, proofread. Reports, theses, books. Lois McMahon, 464-2351

Part-time salesperson required to sell for small manufacturing firm in Edmonton. 439-5026.

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